NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/MT/2016-17/SPH-F-1 Date: 11-02-2017

1. TESTING OF FINE AGGREGATES :

Sub: Testing of Fine Aggregates.
{Project*: Widening and Asphalting of Main Road from Sampigehalli to Agrahara Village in Ward no. 05, Byatarayanapura Sub- Division.}

Ref. : Material testing/YNK-SPH/16-17,

Report Required for: Executive Engineer,
Yelahanka Projects,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri G. N. Ramesh,
Contractor, Bangalore.

TABLE - 1.1 : SIEVE ANALYSIS :

IS Sieve Size,mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -II	
04.75	**97.10**	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	**84.60**	60-95	75-100	85-100	
01.18	**79.80**	30-70	55-90	75-90	
600. mic	**46.10**	15.34	35-59	60-79	
300.mic	**13.90**	5-20	8-30	12-40	
150.mic	**5.40**	0-10	0-10	0-10	

AE

TABLE 1.2 ;

Sl No	Test Conducted	Sample	Results	**Requirements** as Per IS. Specification IS :383-1970 (Reaffirmed 2002)
1.	Silt Content	----	**0.64 %**	Not more than 8%
2.	Specific Gravity	----	**2.58**	-------

*As Furnished by Client.
The Results relate only to the items tested.

KIRAN. R

For Newzen Consultants Bangalore

Proprietor

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NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NEWZEN CONSULTANT BANGALORE

NC/MT/2016-17/SPH-CA-1 Date: 11-02-2017

1. TESTING OF COARSE AGGREGATES (20 mm):

Sub: Testing of Construction Materials.
{Project*: Widening and Asphalting of Main Road from Sampigehalli to Agrahara Village in Ward no. 05, Byatarayanapura Sub- Division.}

Ref. : Material testing/YNK-SPH/16-17,

Report Required for: Executive Engineer,
Yelahanka Projects,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri G. N. Ramesh,
Contractor, Bangalore.

Table - 1.1 : SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2002) % Passing	
	20 mm Sample	Single size	Graded
40 mm	**100.00**	100.00	100.00
20 mm	**98.30**	85-100	95 - 100
10 mm	**42.90**	0 - 20	25 - 55
4.75 mm	**3.10**	0 - 5	0 - 10

TABLE 1.2 :

AE

SL No	Test conducted	Results	Requirements as per IS:383-1970 & Tests Conforms to IS 2386(Part I to IV) – 1963 (Reaffirmed on 2002)
11/21.	Flakiness Index	**17.60 %**	Not to exceed 25 %
2.	Crushing value	**29.20 %**	Not to exceed 45 % for concrete other than for wearing surfaces and 30% for concrete for wearing surfaces

*As Furnished by Client.

The Results relate only to the items tested.

K...R
KIRAN. R

For Newzen Consultants Bangalore

Proprietor

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NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NEWZEN CONSULTANT BANGALORE

NC/MT/2016-17/SPH-C-1

Date: 11-02-2017

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Widening and Asphalting of Main Road from Sampigehalli to Agrahara Village in Ward no. 05, Byatarayanapura Sub- Division.}
Ref. : Material testing/YNK-SPH/16-17,
Report Required for: Executive Engineer,
Yelahanka Projects,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri G. N. Ramesh,
Contractor, Bangalore.

PHYSICAL TESTS ON CEMENT

Brand : Birla
Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**166 min**	Shall not be less than 30 min
2	Final setting time	**243 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**2.63 %**	Not to exceed 10.0%
4	Soundness test (by Le-Chatelier's method)	**2.12 mm**	Shall not be more than 10 mm

*As furnished by Client.
The Results relate only to the items tested.

KIRAN. R

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Proprietor

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NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NEWZEN CONSULTANT BANGALORE

NC/MT/2016-17/SPH-PCC-1 Date: 13-02-2017

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for M-10 .
{Project*: Widening and Asphalting of Main Road from Sampigehalli to Agrahara Village in Ward no. 05, Byatarayanapura Sub- Division.}

Ref. : Material testing/YNK-SPH/16-17,

Report Required for: Executive Engineer,
Yelahanka Projects,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri G. N. Ramesh,
Contractor, Bangalore.

1. COARSE AGGRGATES Table - SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	**99.00**	85-100	95 – 100
20mm	**52.70**	0 -20	30- 70
10mm	**18.30**	0 -5	10- 35
4.75mm	**2.80**	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -III	
04.75	**100**	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	**92.60**	60-95	75-100	85-100	
01.18	**68.30**	30-70	55-90	75-100	
600.mic	**42.50**	15-34	35-59	60-79	
300.mic	**20.70**	5-20	8-30	12-40	
150.mic	**4.10**	0-10	0-10	0-10	

*As Furnished by Client.

The Results relate only to the items tested.

KIRAN. R

Page No. 1/1,

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NEWZEN CONSULTANT * BANGALORE *

NC/MT/2016-17/SPH-SSM-1 **Date: 13-02-2017**

1.TESTING OF STONE SAMPLE :

Sub: Testing of Size stone.
{Project*: Widening and Asphalting of Main Road from Sampigehalli to Agrahara Village in Ward no. 05, Byatarayanapura Sub- Division.}

Ref. : Material testing/YNK-SPH/16-17,

Report Required for: Executive Engineer,
Yelahanka Projects,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri G. N. Ramesh,
Contractor, Bangalore.

Technical Reference: IS 1121(Part 1) -1974 (R.A on 1998)

Table 1.1 :

SL No	Details of Tests	Observed Value	Normal Values
01	Compressive Strength	**1368.00** Kg/ Sqcm	Not less than 1000.00 Kg/Sqcm
02	Water absorption,%	**0.38 %**	Not more than 2.0 %

*As Furnished by Client..

The Results relate only to the items tested.

KIRAN. R

Page No. 1/1,

For Newzen Consultants Bangalore

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NEWZEN CONSULTANT BANGALORE

NC/MT/2016-17/SPH-GSB-1

Date: 14-02-2017

TEST REPORT ON GRANULAR SUBBASE MIX
(GRADATION TEST)

Sub: To conduct tests on GSB (with close graded materials, Grade-II) mix.
{Project*: Widening and Asphalting of Main Road from Sampigehalli to Agrahara Village in Ward no. 05, Byatarayanapura Sub- Division.}
Ref. : Material testing/YNK-SPH/16-17,
Report Required for: Executive Engineer,
Yelahanka Projects,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri G. N. Ramesh,
Contractor, Bangalore.

TEST RESULTS

1. **Gradation Test:**
TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	**100.00**	100
26.50	**94.30**	70-100
9.50	**59.20**	50-80
4.75	**51.40**	40-65
2.36	**45.50**	30-50
0.425	**19.00**	15-25
0.075	**3.60**	3-10

AE

*As Furnished by Client
The Results relate only to the items tested

KIRAN. R

For Newzen Consultants Bangalore

Proprietor

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NEWZEN CONSULTANT BANGALORE

Date: 14-02-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, IV Revision -2001.
1.	Water absorption, %	**0.36 %**	Not more than 2.0 %
2.	Liquid Limit, %	**20.10**	Not more than 25.0 %
3.	Plasticity Index, %	**NP**	Not more than 6.0 %
4.	Moisture Content, %	**6.51**	----------

*As furnished by Client.

Note: The Results relate only to the items tested

KIRAN. R

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NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NEWZEN CONSULTANT BANGALORE

NC/MT/2016-17/SPH-GSB-2 **Date: 14-02-2017**

TEST REPORT ON GRANULAR SUBBASE MIX
(GRADATION TEST)

Sub: To conduct tests on GSB (with close graded materials, Grade-II) mix.
{Project*: Widening and Asphalting of Main Road from Sampigehalli to Agrahara Village in Ward no. 05, Byatarayanapura Sub- Division.}

Ref. : Material testing/YNK-SPH/16-17,

Report Required for: Executive Engineer,
Yelahanka Projects,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri G. N. Ramesh,
Contractor, Bangalore.

TEST RESULTS

1. **Gradation Test:**

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	**100.00**	100
26.50	**94.10**	70-100
9.50	**77.80**	50-80
4.75	**60.40**	40-65
2.36	**41.00**	30-50
0.425	**16.70**	15-25
0.075	**4.90**	3-10

*As Furnished by Client

The Results relate only to the items tested

KIRAN. R

For Newzen Consultants Bangalore

Proprietor

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Date: 14-02-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, IV Revision -2001.
1.	Water absorption, %	**0.37 %**	Not more than 2.0 %
2.	Liquid Limit, %	**18.62**	Not more than 25.0 %
3.	Plasticity Index, %	**NP**	Not more than 6.0 %
4.	Moisture Content, %	**6.54**	----------

*As furnished by Client.

Note: The Results relate only to the items tested

KIRAN. R

For Newzen Consultants Bangalore

Proprietor

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NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NEWZEN CONSULTANT BANGALORE

NC/MT/2016-17/SPH-GSB-3 Date: 14-02-2017

TEST REPORT ON GRANULAR SUBBASE MIX
(GRADATION TEST)

Sub: To conduct tests on GSB (with close graded materials, Grade-II) mix.
{Project*: Widening and Asphalting of Main Road from Sampigehalli to Agrahara Village in Ward no. 05, Byatarayanapura Sub- Division.}
Ref. : Material testing/YNK-SPH/16-17,
Report Required for: Executive Engineer,
Yelahanka Projects,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri G. N. Ramesh,
Contractor, Bangalore.

TEST RESULTS

1. **Gradation Test:**
TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	**100.00**	100
26.50	**89.30**	70-100
9.50	**65.80**	50-80
4.75	**53.30**	40-65
2.36	**42.20**	30-50
0.425	**19.50**	15-25
0.075	**4.70**	3-10

*As Furnished by Client
The Results relate only to the items tested

KIRAN. R

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NEWZEN CONSULTANT * BANGALORE *

Date: 14-02-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, IV Revision -2001.
1.	Water absorption, %	**0.38 %**	Not more than 2.0 %
2.	Liquid Limit, %	**15.90**	Not more than 25.0 %
3.	Plasticity Index, %	**NP**	Not more than 6.0 %
4.	Moisture Content, %	**7.20**	----------

*As furnished by Client.

Note: The Results relate only to the items tested

KIRAN. R

For Newzen Consultants Bangalore

Proprietor

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NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NEWZEN CONSULTANT BANGALORE

NC/MT/2016-17/SPH-GSB-4 Date: 14-02-2017

TEST REPORT ON GRANULAR SUBBASE MIX
(GRADATION TEST)

Sub: To conduct tests on GSB (with close graded materials, Grade-II) mix.
{Project*: Widening and Asphalting of Main Road from Sampigehalli to Agrahara Village in Ward no. 05, Byatarayanapura Sub- Division.}

Ref. : Material testing/YNK-SPH/16-17,

Report Required for: Executive Engineer,
Yelahanka Projects,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri G. N. Ramesh,
Contractor, Bangalore.

TEST RESULTS

1. **Gradation Test:**

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	**100.00**	100
26.50	**89.70**	70-100
9.50	**70.10**	50-80
4.75	**52.30**	40-65
2.36	**44.50**	30-50
0.425	**17.90**	15-25
0.075	**4.80**	3-10

*As Furnished by Client
The Results relate only to the items tested

KIRAN. R

For Newzen Consultants Bangalore

Proprietor

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Date: 14-02-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, IV Revision -2001.
1.	Water absorption, %	**0.37 %**	Not more than 2.0 %
2.	Liquid Limit, %	**17.12**	Not more than 25.0 %
3.	Plasticity Index, %	**NP**	Not more than 6.0 %
4.	Moisture Content, %	**5.98**	----------

*As furnished by Client.

Note: The Results relate only to the items tested

KIRAN. R

For Newzen Consultants Bangalore

Proprietor

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NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NEWZEN CONSULTANT BANGALORE

NC/MT/2016-17/SPH-GSB-5

Date: 15-02-2017

TEST REPORT ON GRANULAR SUBBASE MIX
(GRADATION TEST)

Sub: To conduct tests on GSB (with close graded materials, Grade-II) mix.
{Project*: Widening and Asphalting of Main Road from Sampigehalli to Agrahara Village in Ward no. 05, Byatarayanapura Sub- Division.}

Ref. : Material testing/YNK-SPH/16-17,

Report Required for: Executive Engineer,
Yelahanka Projects,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri G. N. Ramesh,
Contractor, Bangalore.

TEST RESULTS

1. **Gradation Test:**

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	**100.00**	100
26.50	**96.80**	70-100
9.50	**74.10**	50-80
4.75	**59.50**	40-65
2.36	**41.70**	30-50
0.425	**23.90**	15-25
0.075	**3.60**	3-10

*As Furnished by Client

The Results relate only to the items tested

K.R
KIRAN. R

For Newzen Consultants Bangalore

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EMAIL:newzen576@gmail.com

NEWZEN CONSULTANT BANGALORE

Date: 15-02-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, IV Revision -2001.
1.	Water absorption, %	**0.40 %**	Not more than 2.0 %
2.	Liquid Limit, %	**13.98**	Not more than 25.0 %
3.	Plasticity Index, %	**NP**	Not more than 6.0 %
4.	Moisture Content, %	**6.56**	----------

*As furnished by Client.

Note: The Results relate only to the items tested

KIRAN. R

For Newzen Consultants Bangalore

Proprietor

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NEWZEN CONSULTANTS BANGALORE
NEW TECHNOLOGIES TO INNOVATE

NEWZEN CONSULTANT BANGALORE

NC/MT/2016-17/SPH-GSB-6

Date: 15-02-2017

TEST REPORT ON GRANULAR SUBBASE MIX
(GRADATION TEST)

Sub: To conduct tests on GSB (with close graded materials, Grade-II) mix.
{Project*: Widening and Asphalting of Main Road from Sampigehalli to Agrahara Village in Ward no. 05, Byatarayanapura Sub- Division.}

Ref. : Material testing/YNK-SPH/16-17,

Report Required for: Executive Engineer,
Yelahanka Projects,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri G. N. Ramesh,
Contractor, Bangalore.

TEST RESULTS

1. **Gradation Test:**

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	**100.00**	100
26.50	**92.80**	70-100
9.50	**74.10**	50-80
4.75	**59.30**	40-65
2.36	**46.00**	30-50
0.425	**21.90**	15-25
0.075	**5.20**	3-10

*As Furnished by Client
The Results relate only to the items tested

KIRAN. R

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NEWZEN CONSULTANT BANGALORE

Date: 15-02-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, IV Revision -2001.
1.	Water absorption, %	**0.36 %**	Not more than 2.0 %
2.	Liquid Limit, %	**16.20**	Not more than 25.0 %
3.	Plasticity Index, %	**NP**	Not more than 6.0 %
4.	Moisture Content, %	**6.14**	----------

*As furnished by Client.

Note: The Results relate only to the items tested

KIRAN. R

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NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NEWZEN CONSULTANT BANGALORE

NC/MT/2016-17/SPH-GSB-7 Date: 15-02-2017

TEST REPORT ON GRANULAR SUBBASE MIX
(GRADATION TEST)

Sub: To conduct tests on GSB (with close graded materials, Grade-II) mix.
{Project*: Widening and Asphalting of Main Road from Sampigehalli to Agrahara Village in Ward no. 05, Byatarayanapura Sub- Division.}

Ref. : Material testing/YNK-SPH/16-17,

Report Required for: Executive Engineer,
Yelahanka Projects,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri G. N. Ramesh,
Contractor, Bangalore.

TEST RESULTS

1. **Gradation Test:**

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	**100.00**	100
26.50	**85.20**	70-100
9.50	**59.60**	50-80
4.75	**47.10**	40-65
2.36	**34.90**	30-50
0.425	**22.10**	15-25
0.075	**4.90**	3-10

*As Furnished by Client
The Results relate only to the items tested

KIRAN. R

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NEWZEN CONSULTANT * BANGALORE *

Date: 15-02-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, IV Revision -2001.
1.	Water absorption, %	0.39 %	Not more than 2.0 %
2.	Liquid Limit, %	14.95	Not more than 25.0 %
3.	Plasticity Index, %	NP	Not more than 6.0 %
4.	Moisture Content, %	6.52	----------

*As furnished by Client.

Note: The Results relate only to the items tested

AE

KIRAN. R

For Newzen Consultants Bangalore

Proprietor

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NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NEWZEN CONSULTANT BANGALORE

NC/MT/2016-17/SPH-GSB-8

Date: 15-02-2017

TEST REPORT ON GRANULAR SUBBASE MIX
(GRADATION TEST)

Sub: To conduct tests on GSB (with close graded materials, Grade-II) mix.
{Project*: Widening and Asphalting of Main Road from Sampigehalli to Agrahara Village in Ward no. 05, Byatarayanapura Sub- Division.}

Ref. : Material testing/YNK-SPH/16-17,

Report Required for: Executive Engineer,
Yelahanka Projects,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri G. N. Ramesh,
Contractor, Bangalore.

TEST RESULTS

1. **Gradation Test:**

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	**100.00**	100
26.50	**82.30**	70-100
9.50	**59.00**	50-80
4.75	**51.70**	40-65
2.36	**37.20**	30-50
0.425	**23.80**	15-25
0.075	**4.30**	3-10

*As Furnished by Client

The Results relate only to the items tested

KIRAN. R

For Newzen Consultants Bangalore

Proprietor

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NEWZEN CONSULTANT BANGALORE

Date: 15-02-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, IV Revision -2001.
1.	Water absorption, %	**0.36 %**	Not more than 2.0 %
2.	Liquid Limit, %	**16.10**	Not more than 25.0 %
3.	Plasticity Index, %	**NP**	Not more than 6.0 %
4.	Moisture Content, %	**6.78**	----------

*As furnished by Client.

Note: The Results relate only to the items tested

KIRAN. R

For Newzen Consultants Bangalore

Proprietor

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NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NEWZEN CONSULTANT BANGALORE

NC/MT/2016-17/SPH-WMM-1

Date: 17-02-2017

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Widening and Asphalting of Main Road from Sampigehalli to Agrahara Village in Ward no. 05, Byatarayanapura Sub- Division.}

Ref. : Material testing/YNK-SPH/16-17,

Report Required for: Executive Engineer,
Yelahanka Projects,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri G. N. Ramesh,
Contractor, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	**100.00**	100
45.00	**95.80**	95-100
26.50	---	-
22.40	**77.50**	60-80
11.20	**46.00**	40-60
4.75	**32.00**	25-40
2.36	**26.40**	15-30
0.600	**13.40**	8-22
0.075	**6.10**	0-8

*As Furnished by Client

The Results relate only to the items tested

KIRAN. R

For Newzen Consultants Bangalore

Proprietor

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NEWZEN CONSULTANT BANGALORE

Date: 17-02-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, IV Revision -2001.
1.	Aggregate Impact Value	**24.10 %**	Not more than 24.00 % for BC Not more than 27.00 % for DBM Not more than 30.00 % for BM/WMM
2.	Combined Flakiness and Elongation index, %	**23.60**	Not more than 30.0 %
3.	Water absorption, %	**0.36 %**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

*As furnished by Client.

Note: The Results relate only to the items tested

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For Newzen Consultants Bangalor

Proprietor

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NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NEWZEN CONSULTANT BANGALORE

NC/MT/2016-17/SPH-WMM-2

Date: 17-02-2017

TEST REPORT ON WET MIX MACADAM MIX
(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Widening and Asphalting of Main Road from Sampigehalli to Agrahara Village in Ward no. 05, Byatarayanapura Sub- Division.}

Ref. : Material testing/YNK-SPH/16-17,

Report Required for: Executive Engineer,
Yelahanka Projects,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri G. N. Ramesh,
Contractor, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	100.00	100
45.00	96.70	95-100
26.50	---	-
22.40	70.10	60-80
11.20	51.70	40-60
4.75	38.50	25-40
2.36	21.90	15-30
0.600	19.20	8-22
0.075	2.85	0-8

*As Furnished by Client

The Results relate only to the items tested

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For Newzen Consultants Bangalore

Proprietor

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NEWZEN CONSULTANT BANGALORE

Date: 17-02-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, IV Revision -2001.
1.	Aggregate Impact Value	**23.20 %**	Not more than 24.00 % for BC Not more than 27.00 % for DBM Not more than 30.00 % for BM/WMM
2.	Combined Flakiness and Elongation index, %	**25.90**	Not more than 30.0 %
3.	Water absorption, %	**0.37 %**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

*As furnished by Client.

Note: The Results relate only to the items tested

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Proprietor

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NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NEWZEN CONSULTANT BANGALORE

NC/MT/2016-17/SPH-WMM-3 Date: 17-02-2017

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Widening and Asphalting of Main Road from Sampigehalli to Agrahara Village in Ward no. 05, Byatarayanapura Sub- Division.}

Ref. : Material testing/YNK-SPH/16-17,

Report Required for: Executive Engineer,
Yelahanka Projects,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri G. N. Ramesh,
Contractor, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	**100.00**	100
45.00	**99.00**	95-100
26.50	**---**	-
22.40	**63.70**	60-80
11.20	**48.20**	40-60
4.75	**37.10**	25-40
2.36	**20.40**	15-30
0.600	**11.80**	8-22
0.075	**2.20**	0-8

*As Furnished by Client

The Results relate only to the items tested

KIRAN. R

For Newzen Consultants Bangalore

Proprietor

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NEWZEN CONSULTANT BANGALORE

Date: 17-02-2017

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)– 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, IV Revision -2001.
1.	Aggregate Impact Value	**23.20 %**	Not more than 24.00 % for BC Not more than 27.00 % for DBM Not more than 30.00 % for BM/WMM
2.	Combined Flakiness and Elongation index, %	**25.90**	Not more than 30.0 %
3.	Water absorption, %	**0.36 %**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

*As furnished by Client.

Note: The Results relate only to the items tested

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Proprietor

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NEW TECHNOLOGIES TO INNOVATE

NEWZEN CONSULTANT BANGALORE

NC/MT/2016-17/SPH-WMM-4

Date: 17-02-2017

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Widening and Asphalting of Main Road from Sampigehalli to Agrahara Village in Ward no. 05, Byatarayanapura Sub- Division.}

Ref. : Material testing/YNK-SPH/16-17,

Report Required for: Executive Engineer,
Yelahanka Projects,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri G. N. Ramesh,
Contractor, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	100.00	100
45.00	97.80	95-100
26.50	---	-
22.40	71.50	60-80
11.20	49.10	40-60
4.75	33.00	25-40
2.36	23.40	15-30
0.600	14.90	8-22
0.075	4.50	0-8

*As Furnished by Client

The Results relate only to the items tested

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